

Form PTO/SA088 (10-01)
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Substi	tute for form 1449A	V PTO	·		Complete if Known	
				Application Number	10/072,703	
INFO	RMATION D	ISC	LOSURE	Filing Date	02/07/02	
	TEMENT BY			First Named Inventor	Gordin, Myron K.	
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Sheet	1	of	4	Attorney Docket Number	P04723US1	

	U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.	<u>Document Number</u> , Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
SPOR		US- 1,535,985	04/28/1925 .	Clark					
		US- 1,961,719	06/05/1934	Uyterhoeven					
(US- 1,991,584	02/19/1935	Strauss					
		US- 2,904,710	09/15/1959	Beeninga					
		US- 3,099,403	07/30/1963	Starwick					
		US- 3,281,620	10/25/1966	Miller	37				
		US- 3,511,985	05/12/1970	Muscovitch	28 7 7				
		US- 3,586,851	06/22/1971	Rudolph	1 0 2 0				
		US- 3,609,337	09/28/1971	Adra	15 20 D MAIL				
		US- 3,686,495	08/22/1972	Medley	\$ 01 K				
	i	US- 4,087,682	05/02/1978	Kolodziej	2002 11 R				
		US- 4,229,785	10/21/1980	Tuller	RO (2				
		US- 4,345,178	08/17/1982	Pappas et al.	9				
		US- 4,412,276	10/25/1983	Blinow	3				
		US- 4,428,039	01/24/1984	Guimond, et al.					
N/2		US- 4,626,734	12/02/1986	Greiler					

FOREIGN PATENT DOCUMENTS									
Examiner Initials *	Cite No.	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ'			
AUR.		WO 94/15143	07/07/1994	WIPO					
7		EP 1 037 245 A2	09/20/2002	EPO (Bernd)					
		EP 0 389 408 A1	09/26/1990	EPO (Rahn)					
4		3,536,583 A1	04/17/1986	Germany					
TNOV		1,562,929	03/19/1980	Great Britain					
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				Application Number	10/072,703	
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	TEMENT B'			First Named Inventor	Gordin, Myron K.	-
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U.S. PATENT DOCUMENTS							
Examiner Initials *			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Wher Relevant Passages or Releval Figures Appear		
TRUE .		US- 4,747,033	05/24/1988	Yasuda			
		US- 4,809,147	02/28/1989	Negishi			
		US- 4,851,975	07/25/1989	Kanai	μ',		
7		US- 4,868,727	09/19/1989	Ponds	<u> </u>		
		US- 4,891,739	01/02/1990	Yasuda			
		US- 4,935,668	06/19/1990	Hansler, et al.			
		US- 4,990,819	02/05/1991	Narby			
		US- 5,016,150	05/14/1991	Gordin	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		US- 5,119,275	06/02/1992	Makita	• .		
		US- 5,229,681	07/20/1993	Gordin, et al.			
		US- 5,337,221	08/09/1994	Gordin, et al.	••		
		US- 5,343,374	08/30/1994	Gordin, et al.	•		
7		US- 5,363,293	11/08/1994	Lasker			
7.		US- 5,402,327	03/28/1995	Gordin, et al.			
77	/	US- 5,510,964	04/23/1996	Spitler et al.			
ARON		US- 5,519,590	05/21/1996	Crookham			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁴ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т°			

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Substi	tute for form 1449	WPTO			Complete if Known	
				Application Number	10/072,703	_
INFO	RMATION [DISC	LOSURE	Filing Date	02/07/02	
	TEMENT BY			First Named Inventor	Gordin, Myron K.	
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Sheet	3	of	4	Attorney Docket Number	P04723US1	

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Exan Initia		Cite No.'	<u>Document Number</u> Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	OR	/	US- 5,595,440	01/21/1997	Gordin	
1			US- 5,608,227	03/04/1997	Dierks et al.	
			US- 5,647,661	07/15/1997	Gordin	
			US- 5,707,142	01/13/1998	Gordin	
	1		US- 5,800,048	09/01/1998	Gordin	+,
	7		US- 5,887,969	03/30/1999	Gordin	
JAN 1	2		US- 6,220,726	04/24/2001	Gordin	
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials *	Cite No.'	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ'				
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Substitu	ute for form 1449B	PTO		Complete if Known					
				Application Number	10/072,703	_			
INFO	RMATION D	DISC	OSURF	Filing Date	02/07/02				
	TEMENT BY			First Named Inventor	Gordin, Myron K.				
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Sheet	4	of	4	Attorney Docket Number	P04723US1				

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *				
SPIR	-	Journal of the Illuminating Engineering Society, "A New Generation of Metal Halide Lamps", Vol. 4, No. 2, pages 106/110, January 1975.		
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Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/072,703			
Filing Date	February 7, 2002			
First Named Inventor	GORDIN, Myron K.			
Art Unit	2875			
Examiner Name				
Attorney Docket Number	P04723US1			

	U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
*NP		US- 2003/0147240 A1	08/07/2003	GORDIN et al.			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т 8	
7 01		WO 02/063210 A2	08/15/2002	Musco Corporation			
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